INGRESS PROTECTION (IP) RATINGS GUIDE

A digit of "0" for either solids or liquids indicates no protection.



Protection against solid objects greater than 50mm.

Protection against solid objects greater than 12.5mm.

Protected against solid objects greater than 2.5mm.



Protected against solid objects greater than 1mm.



Dust Protected. Limited ingress of dust. Will not interfere with equipment.



Dust tight. No ingress of dust permitted.



Protection level not formally tested.



1P68=5







Ingress Protection

Dust tight

Water Submersion

LIQUIDS

Protection against vertically falling droplets.





Protection against water immersion between 15cm -1m deep for 30 minutes.



Protection against vertically falling droplets when tilted up to 15°.





Protection against permanent water submersion up to 3m.





Protection against spraying water up to an angle of 60°.





Protection from close range, powerful, high temperature water jets.



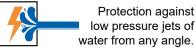


Protection against splashes of water from all angles.



The K on the rating denotes the products' specific degree of protection for use in road vehicles as per ISO 20653.





low pressure jets of water from any angle.



Protection level not formally tested.





Protection against high pressure jets of water.



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